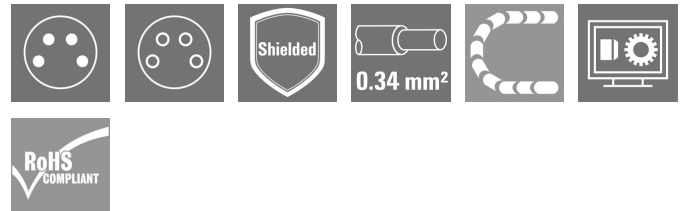


**SAIL-M8GM8G-4S-12.5U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

**General ordering data**

Version	Bus line, Connecting line, M8 / M8, Number of poles: 4, 12.5 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1981901250</a>
Type	SAIL-M8GM8G-4S-12.5U
GTIN (EAN)	4032248753673
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight	518 g
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**Technical specifications for cable**

Acceleration	5 m/s <sup>2</sup>	Bending cycles	250.000
Bending radius, min., moving	12 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Cable length	12.5 m	Colour coding	brown, white, blue, black
Configurable cable length	No	Core cross-section	0.34 mm <sup>2</sup>
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Halogen	No
Hybrid cable	No	Insulation	PP
Irradiation crosslinked	No	Number of poles	4
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Outside diameter	5.1 mm ± 0.2 mm
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	black	Shielded	Yes
Speed	100 m/s	Suitable for cable carriers	Yes
Temperature range, moving	-30...90 °C	Temperature range, stationary	-40...90 °C
Torsion resistance	360 °/m	Welding spark resistance	No

**General technical data**

Coding	none	Connection thread	M8 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	30 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm
Version	pin, straight - socket, straight	jumpered	No

**Electrical properties**

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	30 V
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**Plug, left**

Plug left	M8, IP67, male contact, straight, Plastic, unshielded
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**Plug, right**

Plug right	M8, IP67, female contact, straight, Plastic, unshielded
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**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08
ECLASS 12.0	27-06-03-08	ECLASS 13.0	27-06-03-08

Creation date June 7, 2024 6:03:21 AM CEST

Catalogue status 01.06.2024 / We reserve the right to make technical changes.

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

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**Drawings**
**Dimensioned drawing**


Male, straight

**Pole scheme**


Pin

**Wiring diagram**

**Dimensioned drawing**


Straight socket

**Pole scheme**


Socket

**The ideal tool: Screwty® with torque function**


Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F